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reby certify that this correspondence is being deposited with the U.S. stal Service as Express Mail, Airbill No. ER147060305US, in an invelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below

Dated: August 12, 2004

Signature:

(Linda A. Bourg)

Docket No.: HO-P01925US2 (PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Martin M. Matzuk et al.

Application No.: 09/844,864

Art Unit: 1637

Filed: April 27, 2001

Examiner: C. B. Wilder

For: OVARY-SPECIFIC GENES AND PROTEINS

AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION

MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

INTRODUCTORY COMMENTS

In response to the Office Action dated May 14, 2004, please amend the aboveidentified U.S. patent application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 3 of this paper.